

Focus Occupation: **Computer Programmers (15-1021)**

Focus occupation: Computer Programmers				
Employment and Growth		786/ 7.5%		
Ave. Monthly Wage		\$6,547		
Education/Experience		Bachelor's degree		

Advance FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Computer and Information Systems Managers (11-3021)	4	644/ 11.0%	BA/5 plus yrs	92
Computer and Information Scientists, Research (15-1011)	3	97/ 14.1%	PHD	93
Computer Software Engineers, Systems Software (15-1032)	2	238/ 15.0%	BA	100
Computer Software Engineers, Applications (15-1031)	1	301/ 17.1%	BA	100

Transfer TO and FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Computer Systems Analysts (15-1051)	0	n/a	BA	99
Database Administrators (15-1061)	0	189/ 11.2%	BA/1-5 yrs	97
Network Systems and Data Communications Analysts (15-1081)	0	n/a	VOC/1-5 yrs	85

Advance TO Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Logisticians (13-1081)	-1	121/ 17.5%	BA/1-5 yrs	75
Network and Computer Systems Administrators (15-1071)	-1	n/a	BA	83
Computer Support Specialists (15-1041)	-2	1,363/ 10.0%	COLL	89

Important note: A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Data sources used for research and analysis: O*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.